Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_ Per.: \_\_\_\_\_\_\_\_

**Warm Up 4**

To the right is a **regular decagon**.

1. What is the **order of rotation**?
2. What is the **angle of rotation**?
3. Will this figure **map onto itself** after a rotation of 72o about its center?
4. Does the figure have **reflectional symmetry?**  If so, draw in the **lines of symmetry**.

**WLPCS**

**Geometry**

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_ Per.: \_\_\_\_\_\_\_\_

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